

Title (en)

A two-wire controlling and monitoring system for in particular irrigation of localised areas of soil

Title (de)

Zweidraht-Steuer- und Überwachungssystem insbesondere zur Bewässerung von örtlich begrenzten Bodenbereichen

Title (fr)

Système de contrôle et de surveillance à deux fils, notamment pour l'irrigation de zones localisées du sol

Publication

EP 1832161 A1 20070912 (EN)

Application

EP 07388006 A 20070208

Priority

US 35293206 A 20060213

Abstract (en)

A two-wire controlling and monitoring system for in particular irrigation of localised areas of soil comprises a water pipeline, a first plurality of controllable irrigation valves, a third plurality of localised irrigation control units each comprising a line decoder. The two-wire controlling and monitoring system further comprises a controller and power supply unit having a set of schedules of instructions and having a pair of control and power outputs supplying power to one of the pair of control and power outputs, and a two-wire cable interconnecting said controller and power supply unit and said third plurality of localised irrigation control units. The controller and power supply unit transmits the schedules of instructions to the third plurality of localised irrigation control units through the two-wire cable and receives the specific irrigation parameters from the third plurality of localised irrigation control units through the two-wire cable.

IPC 8 full level

A01G 25/16 (2006.01)

CPC (source: EP US)

A01G 25/16 (2013.01 - EP US); **Y10T 137/1866** (2015.04 - EP US)

Citation (applicant)

- US 4007458 A 19770208 - HOLLABAUGH MICHAEL D
- US 4176395 A 19791127 - EVELYN-VEERE RENE H [US], et al
- EP 1103178 A1 20010530 - S RAIN CONTROL AS [DK]
- US 2005004715 A1 20050106 - CHRISTIANSEN TOM N [DK]
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Citation (search report)

[A] US 2005004715 A1 20050106 - CHRISTIANSEN TOM N [DK]

Designated contracting state (EPC)

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Designated extension state (EPC)

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